$$s_{2} = \left(\frac{\sqrt{E_{S}} \cdot \cos(3\pi/4)}{\sqrt{2}}, \frac{\sqrt{E_{S}} \cdot \sin(3\pi/4)}{\sqrt{2}}\right) + s_{I} = \left(\frac{\sqrt{E_{S}} \cdot \cos(\pi/4)}{\sqrt{2}}, \frac{\sqrt{E_{S}} \cdot \sin(\pi/4)}{\sqrt{2}}\right)$$

$$Q_{2} \qquad Q_{1}$$

$$Q_{3} \qquad Q_{4}$$

$$s_{3} = \left(\frac{\sqrt{E_{S}} \cdot \cos(5\pi/4)}{\sqrt{2}}, \frac{\sqrt{E_{S}} \cdot \sin(5\pi/4)}{\sqrt{2}}\right) + s_{4} = \left(\frac{\sqrt{E_{S}} \cdot \cos(7\pi/4)}{\sqrt{2}}, \frac{\sqrt{E_{S}} \cdot \sin(7\pi/4)}{\sqrt{2}}\right)$$

$$FIG. 1 \quad PRIOR ART$$

$$E\{s_{2}^{d}\} = \left(\frac{\sqrt{E\{s_{m}/2\}} \cdot \cos(3\pi/4)}{\sqrt{2}}, \frac{\sqrt{E\{s_{m}/2\}} \cdot \sin(3\pi/4)}{\sqrt{2}}\right)$$

$$E\{s_{1}^{d}\} = \left(\frac{\sqrt{E\{s_{m}/2\}} \cdot \cos(\pi/4)}{\sqrt{2}}, \frac{\sqrt{E\{s_{m}/2\}} \cdot \sin(\pi/4)}{\sqrt{2}}\right)$$

$$Q_{2} \qquad Q_{1} \qquad Q_{2} \qquad Q_{4} \qquad Q_{4} \qquad Q_{5} \qquad Q_{4} \qquad Q_{5} \qquad Q_{5}$$

## REPLACEMENT SHEET





